

STORAGE AREA NETWORK METHODS AND APPARATUS FOR ASSOCIATING A  
LOGICAL IDENTIFICATION WITH A PHYSICAL IDENTIFICATION

**Abstract of the Invention**

5

The invention provides an improved storage area network (SAN) of the type having a digital data processor, e.g., a host, in communication with one or more storage devices, e.g., a LUN and, further, of the type having a plug-and-play (PNP) manager that generates an event in response to a change in status of at least one of the storage devices. The improvement is characterized by at least a selected process, that executes on the host (or other digital data processor) and that references at least a selected one of the storage devices using a previously assigned logical identification, e.g., a LUN ID. The improvement is further characterized by the selected process responding to an event generated by the plug-and-play by querying for information the storage device (or an interface thereto) with respect to which the event was generated. From that information, the process generates a logical identification for the device.